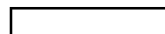


~~TOP SECRET~~

PHOTOGRAPHIC INTERPRETATION REPORT



KAPUSTIN YAR/VLADIMIROVKA
MISSILE TEST CENTER
USSR
LAUNCH AREA 2C



25X1

MAY 1967

COPY 116

7 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

~~TOP SECRET~~

TOP SECRET

25X1

PREFACE

This report is one of a series prepared under NPIC Project 11211/66, in response to CIA Requirement C-DI5-82,975, which requests detailed line drawings, to scale, of selected elements of the Kapustin Yar/Vladimirovka Missile Test Center (KY/Vlad MTC, Figure 1). The basic layout of the selected elements contained in this and other associated reports was compiled from high-resolution photography. Individual reports will be updated periodically upon completion of the series, in order that changes may be reflected as they are observed on subsequent photography.

The precision target plot included in this report is a mathematically rectified projection of the area. Plots are compiled by utilizing precision mensuration instruments, and image interpretation is performed with the aid of stereoscopic viewing equipment. Identifiable image points are measured and their coordinate values mathematically transformed by computer. This transformation corrects for camera and attitude (pitch, roll, and yaw) induced distortions, but does not correct for displacement due to ground relief and object height. This target plot represents the most accurate data compiled to date, but the user is cautioned to exercise care in scaling distances or determining azimuths from this plot, because relief can introduce errors in distance and alignment. The horizontal and vertical dimensions given are accurate to within plus or minus 5 feet or 5 percent, whichever is greater.

The service tower mensurations given in Figure 4 are shadow measurements on snow-covered photography and should be used with caution. The total height dimension is accurate to within

25X1

TOP SECRET

25X1

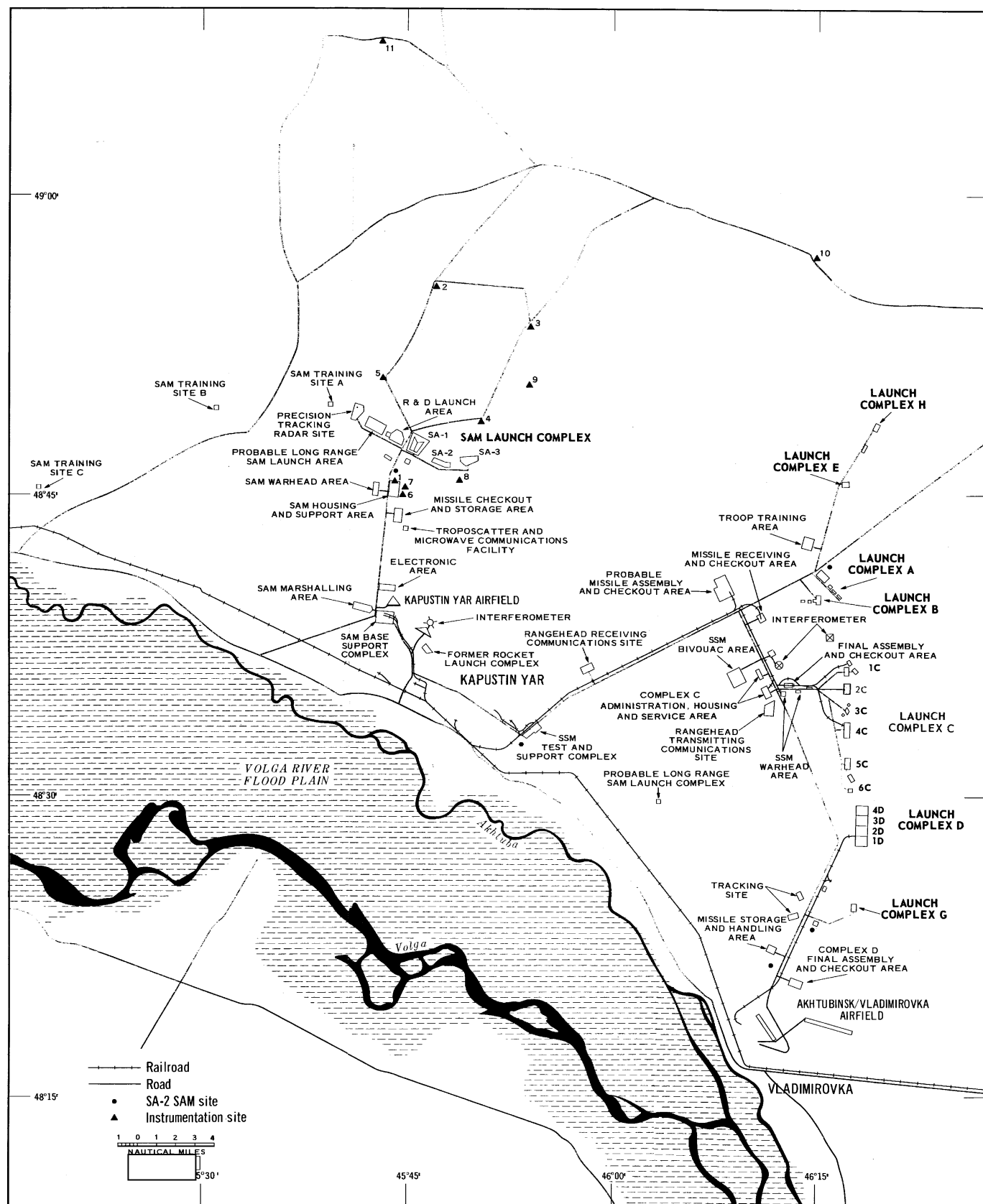


FIGURE 1. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

- ii -

TOP SECRET

25X1

25X1

KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR**LAUNCH AREA 2C****(48-35N 046-17E)**

Launch Area 2C (Figures 2 and 3) was first seen in [] when the launch area was under construction. The construction was complete by [], at which time a probable missile exercise was observed on the south launch pad. The launch area can be negated in [] when the Test Center was first covered by photography.

25X1

Launch Area 2C, located 1.4 nautical miles (nm) east of the Complex C Operations Area, is a double-fenced, road-served area with 2 generally oval north-south launch pads. From north to south the pads have been designated 2C1 and 2C2. The 2 pads, which are separated by approximately [] were identically constructed. They initially consisted of an approximately 90-foot-diameter ring in the center of each pad. A large, double, drive-in, vehicle revetment is located adjacent to the west side of each launch pad. The main control bunker for the launch area is located between the 2 pads, north of the east-west access road. A small control/observation structure is located inboard and to the rear of each launch pad. A ground scar extends forward of 2C1 on a general azimuth of 45 degrees and forward of 2C2 on a general azimuth of 135 degrees. The ground scars terminate at a small probable instrumentation hardstand near the east security fence. Two buried tanks are located immediately south of the control bunker and Launch Pad 2C2, respectively.

25X1

[] a major modification was started at Launch Pad 2C1. An open trench was dug from the centrally located buried water tank, past the control bunker and the north side of the vehicle revetment at 2C1 and into the pad area. An unidentified modification was made in the 90-foot ring on the launch pad, and construction of a probable control structure was started. The control structure is situated inside the 90-foot-diameter ring, immediately to the rear of its center point. An additional trench, probably drainage, was dug from the pad to the rear and north of 2C1 to where it terminated in a drainage/catch basin outside the north security fence. In [] construction at the control structure had apparently been completed. In addition, a [] (range 40 to 50 feet) service tower had been constructed in the center of the 90-foot ring and immediately in front of the control structure (Figure 4). A tall probably associated crane has been observed on Launch Pad 2C1 on several occasions.

A small support area, located at the entrance to the launch area, consists of a gatehouse/administration building with a heating plant in the south end, 2 drive-in buildings, 3 support buildings, a probable garage, and several smaller structures. One of the 3 support buildings was constructed during the period of the major modification.

25X1

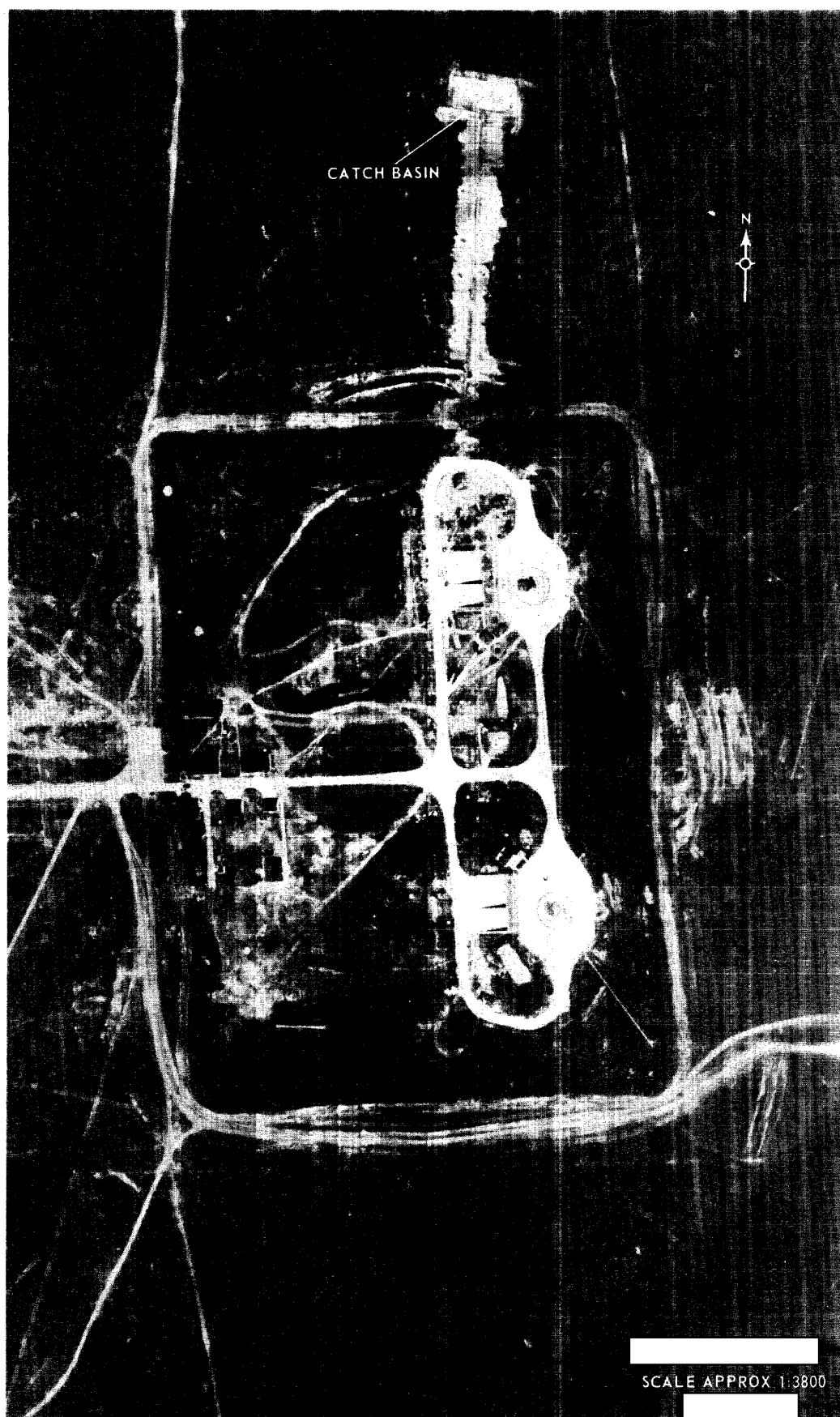


FIGURE 2. LAUNCH AREA 2C, KY/VLAD MTC.

25X1

TOP SECRET

Approved For Release 2003/06/20 : CIA-RDP78T04759A006600010046-5

25X1

25X1

25X1

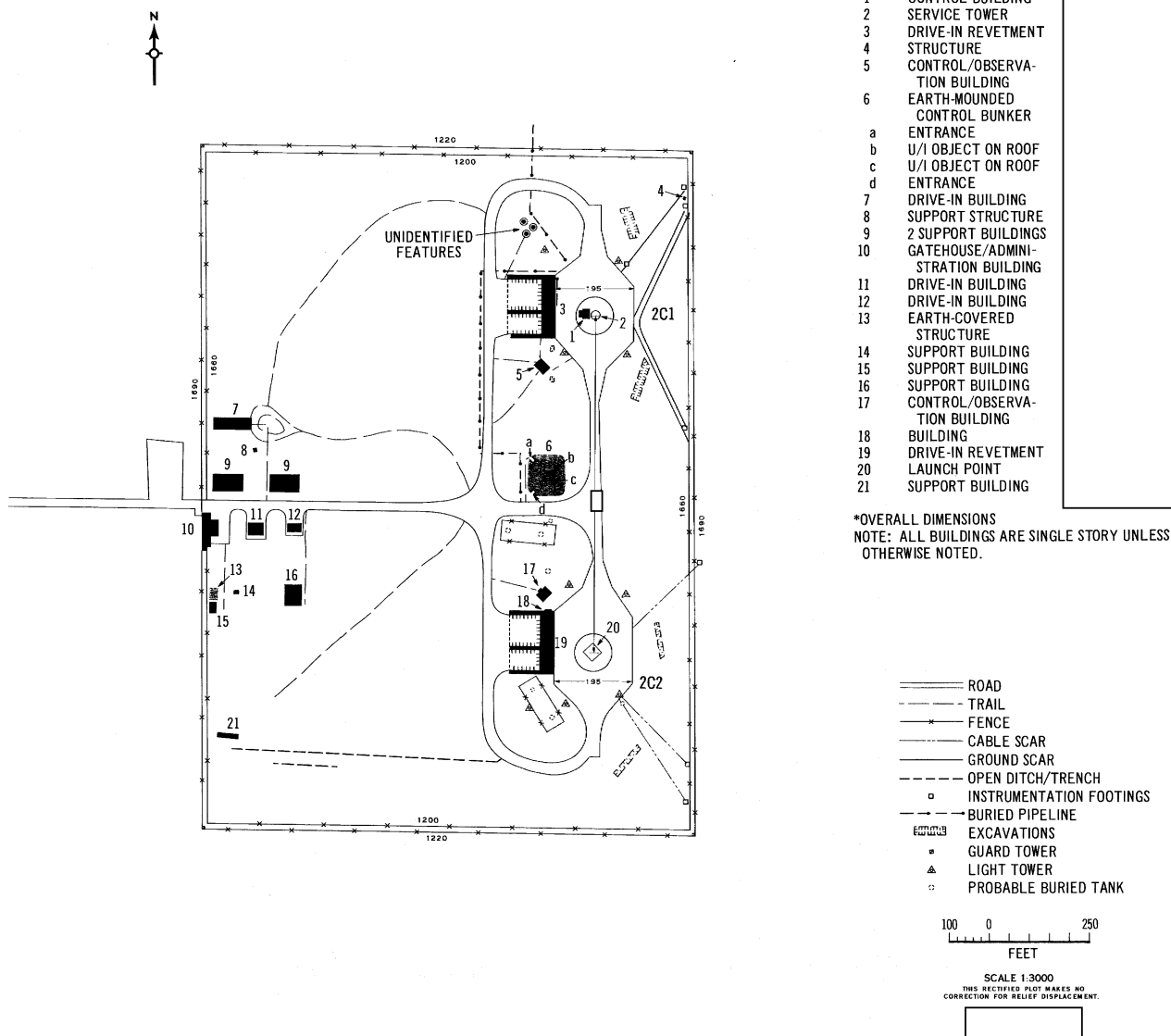


FIGURE 3. RECTIFIED PLOT, LAUNCH AREA 2C, KY/VLAD MTC.

- 3 -

TOP SECRET

25X1

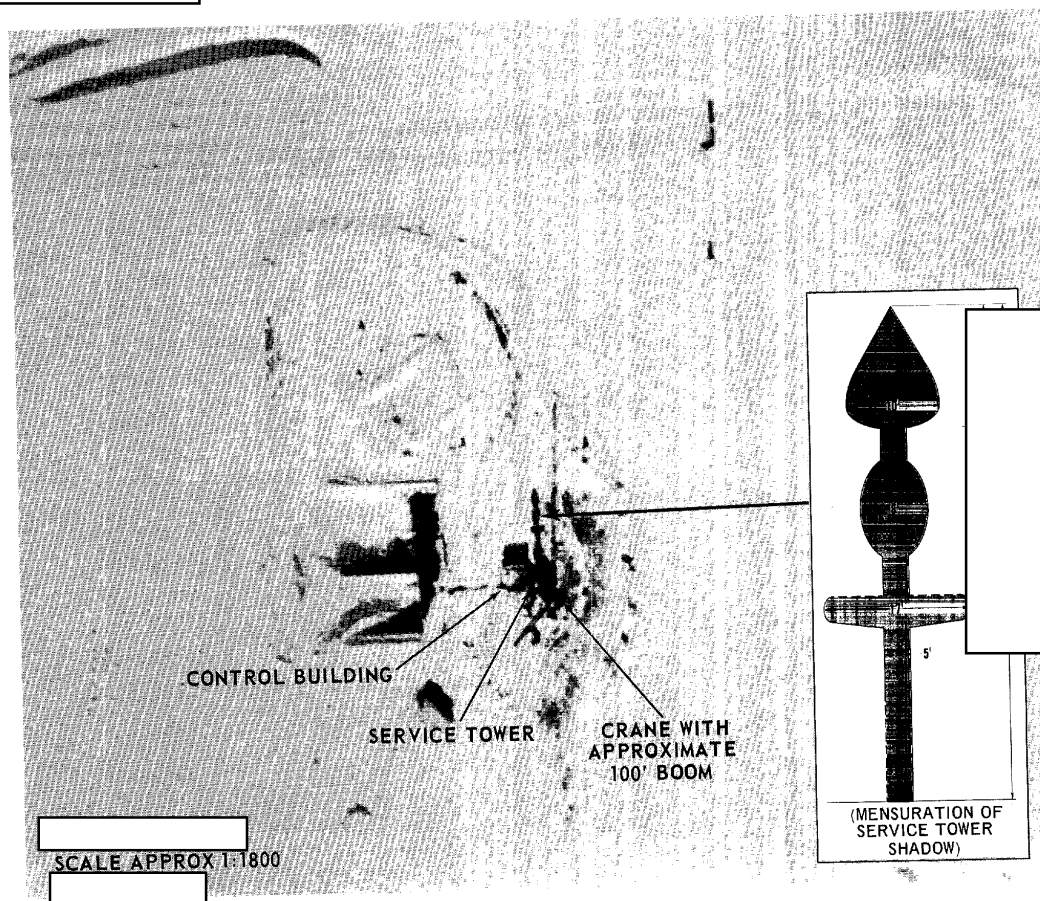
25X1
25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A006600010046-5

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A006600010046-5

25X1



25X1

25X1

25X1

FIGURE 4. ACTIVITY ON LAUNCH PAD 2C1, KY/VLAD MTC.

REFERENCES

25X1



RELATED DOCUMENT

NPIC R-5113/64, *Launch Complex C, Kapustin Yar/Vladimirovka Missile Test Center, USSR*, Dec 64 (TOP SECRET)

25X1

REQUIREMENT

CIA. C-DI5-82,975

NPIC PROJECT

11211/66 (partial answer)

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A006600010046-5

~~TOP SECRET~~

25X1

~~TOP SECRET~~